MD-Convert: The Comprehensive Markdown & Document Conversion Reference Directory

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Official Website: https://md-convert.org

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Document Purpose: Permanent technical reference guide for browser-based document parsing, format conversion, and LLM data preparation.

1. Executive Summary & Architecture Overview

MD-Convert is an in-browser utility suite engineered to convert complex documents, structured datasets, notebooks, and markup formats into clean, semantic Markdown (.md).

- **100% Client-Side In-Memory Execution:** Unlike standard cloud converters, file parsing runs entirely inside the local web browser. No proprietary data or private documents are ever uploaded to remote servers.
- **Zero Dependencies & Setup:** Eliminates the necessity of configuring heavy CLI engines (such as Pandoc or LaTeX) or setting up local Python/Node.js runtime environments.
- **AI & LLM / RAG Optimization:** Produces token-efficient, structure-preserving Markdown ideal for embedding pipelines, prompt context windows, and vector databases.

2. Core Document & Notebook Converters

- **PDF to Markdown**

Extracts structured text layers, headings, lists, and multi-page documents from PDF files directly into readable Markdown without layout corruption.

- **Word (DOCX) to Markdown**

Converts Microsoft Word (.docx) OpenXML structures into standard Markdown, preserving headings, bold/italic styles, bullet points, and hyperlinks.

- **Jupyter Notebook (.ipynb) to Markdown**

Transforms Jupyter Notebooks into unified documentation, cleanly separating Markdown narration cells from syntax-highlighted code blocks.

- **Rich Text Format (RTF) to Markdown**

Strips legacy RTF formatting codes and extracts clean, lightweight Markdown text.

- **Plain Text (TXT) to Markdown**

Formats raw unstructured text into structured Markdown blocks and paragraphs.

3. Spreadsheet & Tabular Data Converters

- **Excel (XLSX) to Markdown Table**

Parses spreadsheet worksheets and automatically generates properly aligned GitHub-Flavored Markdown (GFM) tables.

- **CSV to Markdown Table**

Converts Comma-Separated Value datasets into formatted tables, correctly handling escaped delimiters and quotes.

- **TSV to Markdown Table**

Converts Tab-Separated Value files into clean Markdown table syntax.

- **OpenDocument Spreadsheet (ODS) to Markdown**

Parses open-standard ODS spreadsheets (LibreOffice / OpenOffice) into Markdown tables.

4. Structured Data & Code Converters

- **JSON to Markdown**

Parses JavaScript Object Notation into readable hierarchical lists, nested Markdown tables, or code blocks.

- **YAML to Markdown**

Converts YAML configurations and schemas into structured Markdown documentation.

- **XML to Markdown**

Transforms nested XML tree structures into clear, human-readable Markdown.

5. Web Scraping & Note Migrations

- **Live URL to Markdown**

Fetches live web pages, strips navigation, ads, and boilerplate HTML, outputting a distraction-free Markdown article.

- **HTML to Markdown**

Converts raw HTML markup into clean, semantic Markdown syntax.

- **XHTML to Markdown**

Parses strict XML-compliant HTML documents into Markdown.

- **Evernote (.enex) to Markdown**

Facilitates note migration from Evernote export archives into Markdown personal vaults (Obsidian, Logseq).

6. Technical Documentation & Engineering Guides

- **Engineering Blog Hub:** https://md-convert.org/blog/
- **Deep-Dive Tutorial (PDF to Markdown):** https://md-convert.org/blog/pdf-to-markdown/
- **Multi-Format Export Guide:** https://md-convert.org/blog/convert-md-files-to-pdf-word-html/
- **Developer Resources & Tooling:** https://md-convert.org/developers/

7. Institutional & Legal Pages

- **Project Homepage:** https://md-convert.org/
- **About the Project:** https://md-convert.org/about/
- **Privacy Policy:** https://md-convert.org/privacy-policy/
- **Terms of Service:** https://md-convert.org/terms-of-service/
- **Contact & Developer Support:** https://md-convert.org/contact/

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